



Exhibit 1

Copy of Docket Records at Brinks, Hofer, Gilson & Lione
for
"SPIN VALVE THIN FILM MAGNETIC ELEMENT AND
METHOD FOR MAKING SAME"

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Patent: 9281-3917, United States, Regular, National, Origin

Patent Data

Docket Number	9281-3917
Country	United States
Case Type	Regular
Relation Type	Original Filing
Filing Type	National
Filing Number	
Status	Filed
Sub Status	Pending
Parent Country	
Patent Family	
Application Number	09/774,781
Patent Number	
Publication Number	
Pay Maint Fee	No
Customer Code	

Supervising Atty	Gustavo Siller, Jr.
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Client	ALPS ELECTRIC CO., LTD.
Assignee	ALPS ELECTRIC CO., LTD.
Reference Number	9281-3917
First Filing Date	01/30/2001
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Parent Filing Date	
Parent Grant Date	
Application Date	01/30/2001
Issue Date	
Publication Date	
Client Ref No	N US00009

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SPIN-VALVE THIN-FILM MAGNETIC ELEMENT AND METHOD FOR MAKING THE SAME

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Remarks

BASED ON JAPAN 2000-025659 2/2/2000 01-31-2001 - APPLICATION FILED (1-30-2001), COPY TO ALPS 04-03-2001 - filing receipt to alps 03-29-2001 - PAL2001-415 - ALPS FORWARDS TRANSLATION 4/6/2001 - Supplemental IDS filed, copy to alps 05-18-2001 - assignment to alps

Actions**Actions**

Action	Base Date	Action Due Date	Indicator	Completed Date	Postcard/Resp Sent Dt	Notes
US-Frn. Fil. Letter		09/30/2001				
US-Foreign Convention - Utility		01/30/2002				
Office Action Received?	01/30/2001	11/30/2002	Reminder			US-FILING DATE / FIRST PTO ACTION 4/6/2001: SUPP IDS
Office Action Received?	01/30/2001	12/30/2002	Reminder			US-FILING DATE / FIRST PTO ACTION 4/6/2001: SUPP IDS
Office Action Received?	01/30/2001	03/30/2003	Due Date			US-FILING DATE / FIRST PTO ACTION
Office Action Received?	01/30/2001	04/30/2003	Due Date			US-FILING DATE / FIRST PTO

		ACTION
Office Action Received?	07/30/2003	Due Date
US-ABANDONMENT NOTICE	06/27/2003	
US-PETITION TO REVIVE	07/27/2003	
US-PETITION TO REVIVE (FINAL)	08/27/2003	
Inventors		
Inventor Name	Assignment Date	
HASEGAWA, NAOYA		
HONDA, KENJI		
KAKIHARA, YOSHIHIKO		
Other		
Other Number Code	Other Number/Text	Other Number Date
Additional Field 1	Normal	
Additional Field 2	3	

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